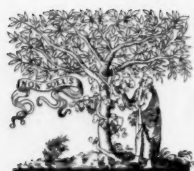


# **MATHEMATICAL AND COMPUTER MODELLING**

## **Volume Contents and Author Index** **Volume 43, 2006**



**ELSEVIER**

Amsterdam • Boston • Jena • London • New York • Oxford • Paris • Philadelphia • San Diego • St. Louis

## List of Contents

### NUMBER 1/2

<b>L. Egghe and T. Lafoue</b>	1	On the relation between the Maximum Entropy Principle and the Principle of Least Effort
<b>V. Sundarapandian</b>	9	New results on the parametric stability of nonlinear systems
<b>T. Hayat, M. Khan and M. Ayub</b>	16	Some analytical solutions for second grade fluid flows for cylindrical geometries
<b>Z. Xu</b>	30	On the oscillation of second order quasilinear elliptic equations
<b>V. Sundarapandian</b>	42	A separation theorem for robust pole placement of discrete-time linear control systems with full-order observers
<b>A. Gerisch and M.A.J. Chaplain</b>	49	Robust numerical methods for taxis-diffusion-reaction systems: Applications to biomedical problems
<b>X. Lu and W.-I. Wu</b>	76	A subregion DRBEM formulation for the dynamic analysis of two-dimensional cracks
<b>T. Diagana, C.M. Mahop and G.M. N'Guérékata</b>	89	Pseudo-almost-periodic solutions to some semilinear differential equations
<b>J. Banaś, J. Rocha Martin and K. Sadarangani</b>	97	On solutions of a quadratic integral equation of Hammerstein type
<b>S.R.-J. Jang, J. Baglama and J. Rick</b>	105	Nutrient-phytoplankton-zooplankton models with a toxin
<b>J.M. Thredgold, S.K. Lucas and P.G. Howlett</b>	119	On the contact of a rigid sphere and a thin plate
<b>T. Hayat and A.H. Kara</b>	132	Couette flow of a third-grade fluid with variable magnetic field
<b>A. Morro</b>	138	Jump relations and discontinuity waves in conductors with memory
<b>A. Hajjafar and R.U. Verma</b>	150	General approximation solvability of a system of strongly $g$ - $r$ -pseudomonotonic nonlinear variational inequalities and projection methods
<b>H.-H. Chang and W.-C. Huang</b>	158	Application of a quantification SWOT analytical method
<b>W. Shi</b>	170	Interval oscillation criteria for a forced second-order differential equation with nonlinear damping
<b>A.-M. Wazwaz</b>	178	Reliable analysis for nonlinear Schrödinger equations with a cubic nonlinearity and a power law nonlinearity

<b>A.K. Gupta and S. Nadarajah</b>	185	Sums, products and ratios for McKay's bivariate gamma distribution
<b>A. Cabada and D.R. Vivero</b>	194	Expression of the Lebesgue $\Delta$ -integral on time scales as a usual Lebesgue integral; application to the calculus of $\Delta$ -antiderivatives
<b>NUMBER 3/4</b>		
<b>P.C. Yang and H.M. Wee</b>	209	A collaborative inventory system with permissible delay in payment for deteriorating items
<b>S.P. Radzevich</b>	222	A closed-form solution to the problem of optimal tool-path generation for sculptured surface machining on multi-axis NC machine
<b>Y. Jiao, Y.-R. Syau and E.S. Lee</b>	244	Fuzzy adaptive network in presidential elections
<b>C. Chakraborty and D. Chakraborty</b>	254	A theoretical development on a fuzzy distance measure for fuzzy numbers
<b>P.-F. Pai</b>	262	System reliability forecasting by support vector machines with genetic algorithms
<b>M.J. Rodriguez-Alvarez, I. Baeza, J. Moreno and B. García</b>	275	Constructing eigenfunctions of non-selfadjoint coupled parabolic boundary problems
<b>E. Akin-Bohner</b>	283	Positive decreasing solutions of quasilinear dynamic equations
<b>A. Zisowsky and M. Ehrhardt</b>	294	Discrete transparent boundary conditions for parabolic systems
<b>C. Zhao, P. Zhao and M.-S. Wang</b>	310	Optimal harvesting for nonlinear age-dependent population dynamics
<b>J. Patel, N.E. Cho and H.M. Srivastava</b>	320	Certain subclasses of multivalent functions associated with a family of linear operators
<b>C. Lemieux and P. Sidersky</b>	339	Exact sampling with highly uniform point sets
<b>R.K. Raina and H.M. Srivastava</b>	350	A new class of meromorphically multivalent functions with applications to generalized hypergeometric functions
<b>T. Candan and R.S. Dahiya</b>	357	Oscillation theorems for $n$ th-order neutral functional differential equations
<b>P.-y. Nie</b>	368	An SQP approach with line search for a system of nonlinear equations
<b>Z. Huang</b>	374	A reconsideration on equivalency of convergence between iterations for uniformly $L$ -Lipschitzian operators

<b>Y.-K. Chang and W.-T. Li</b>	377	Existence results for impulsive dynamic equations on time scales with nonlocal initial conditions
<b>Z. Ding, H. Bunke, O. Kipersztok, M. Schneider and A. Kandel</b>	385	Fuzzy timed Petri nets — analysis and implementation
<b>B.G. Nielsen, P. Røgen and H.G. Bohr</b>	401	Gauss-integral based representation of protein structure for predicting the fold class from the sequence
<b>P. Das and D. Mukherjee</b>	413	Qualitative study of a model of Chagas' disease
<b>Q. Liu and J. Cao</b>	423	Improved global exponential stability criteria of cellular neural networks with time-varying delays
<b>T. Faria</b>	433	Asymptotic stability for delayed logistic type equations

#### NUMBER 5/6

<b>A. Hadi-Vencheh and A.A. Foroughi</b>	447	A generalized DEA model for inputs/outputs estimation
<b>G. Zet, V. Manta, S. Oancea, I. Radinschi and B. Ciobanu</b>	458	A computer aided study of de-Sitter gauge theory of gravitation
<b>A. Rapaport, J.P. Terreaux and L. Doyen</b>	466	Viability analysis for the sustainable management of renewable resources
<b>S. Roy, M. Junk and S. Sundar</b>	485	Understanding the porosity dependence of heat flux through glass fiber insulation
<b>J.X. Ban, H.X. Liu, M.C. Ferris and B. Ran</b>	493	A general MPCC model and its solution algorithm for continuous network design problem
<b>D. Fransos and L. Bruno</b>	506	Determination of the aeroelastic transfer functions for streamlined bodies by means of a Navier-Stokes solver
<b>L. Judez, C. Chaya, J.M. de Miguel and R. Bru</b>	530	Stratification and sample size of data sources for agricultural mathematical programming models
<b>S. Tanaka</b>	536	Existence and asymptotic behavior of solutions of nonlinear neutral differential equations
<b>C.-J. Lin and Y.-J. Xu</b>	563	A hybrid evolutionary learning algorithm for TSK-type fuzzy model design
<b>G. von Winckel, S. Krishna and E.A. Coutias</b>	582	Spectral element modeling of semiconductor hetero-structures
<b>H. Shan, J. Su, F. Badiu, J. Zhu and L. Xu</b>	592	Modeling and simulation of multiple impacts of falling rigid bodies

<b>I.Ž. Milovanović, E.I. Milovanović and M.P. Bekakos</b>	612	Synthesis of a unidirectional systolic array for matrix-vector multiplication
<b>R. Gospavic, M. Sreckovic, V. Popov and G. Todorovic</b>	620	3D modeling of material heating with the laser beam for cylindrical geometry
<b>N. Zimic and M. Mraz</b>	632	Decomposition of a complex fuzzy controller for the truck-and-trailer reverse parking problem
<b>A. Nagurney and J. Pan</b>	646	Evolution variational inequalities and projected dynamical systems with application to human migration
<b>S.K. Sen and H. Agarwal</b>	658	$2^n$ in scientific computation and beyond
<b>S.-T. Law and H.-M. Wee</b>	673	An integrated production-inventory model for ameliorating and deteriorating items taking account of time discounting
<b>NUMBER 7/8</b>		
<b>K.P. Sapna Isotupa</b>	687	An $(s, Q)$ Markovian inventory system with lost sales and two demand classes
<b>M. Adivar and M. Bohner</b>	695	Spectral analysis of $q$ -difference equations with spectral singularities
<b>S.S. Kulkarni</b>	704	The impact of uncertain yield on capacity acquisition in process plant networks
<b>F.M. Atici, D.C. Biles and A. Lebedinsky</b>	718	An application of time scales to economics
<b>R.A. Khan</b>	727	The generalized quasilinearization technique for a second order differential equation with separated boundary conditions
<b>G. Lin, J. Chen, E. Brück and B. Hua</b>	743	Optimization of performance characteristics in a class of irreversible chemical pumps
<b>B. D'Acunto and G. Urciuoli</b>	754	Groundwater regime in a slope stabilized by drain trenches
<b>D. Parra-Guevara and Y.N. Skiba</b>	766	On optimal solution of an inverse air pollution problem: Theory and numerical approach
<b>C. Bellomo</b>	779	A mathematical model of the immersion of a spherical tumor with a necrotic core into a nutrient bath
<b>P.S. Els, P.E. Uys, J.A. Snyman and M.J. Thoresson</b>	787	Gradient-based approximation methods applied to the optimal design of vehicle suspension systems using computational models with severe inherent noise
<b>A.-M. Wazwaz</b>	802	Exact solutions for the fourth order nonlinear Schrodinger equations with cubic and power law nonlinearities

<b>K. Chen, M.J. Rys and E.S. Lee</b>	809	Modeling of thermal comfort in air conditioned rooms by fuzzy regression analysis
<b>E.S. Norris, J.R. King and H.M. Byrne</b>	820	Modelling the response of spatially structured tumours to chemotherapy: Drug kinetics
<b>E. Ferrari and A. Nouri</b>	838	On the Cauchy problem for a quantum kinetic equation linked to the Compton effect
<b>R.P. Agarwal, Ch.G. Philos and P.Ch. Tsamatos</b>	854	Global solutions of a singular initial value problem to second order nonlinear delay differential equations
<b>L. Egghe</b>	870	The dependence of the height of a Lorenz curve of a Zipf function on the size of the system
<b>J. Gwinner and F. Raciti</b>	880	Random equilibrium problems on networks
<b>B. Johansson, T. Elfving, V. Kozlov, Y. Censor, P.-E. Forssén and G. Granlund</b>	892	The application of an oblique-projected Landweber method to a model of supervised learning
<b>Z. Yang</b>	910	A two-stage DEA model to evaluate the overall performance of Canadian life and health insurance companies
<b>G.C. Lin and D.-C. Gong</b>	920	On a production-inventory system of deteriorating items subject to random machine breakdowns with a fixed repair time
<b>A. Chauviere and I. Brazzoli</b>	933	On the discrete kinetic theory for active particles. Mathematical tools
<b>D.A. French, R.J. Flannery, C.W. Groetsch, W.B. Krantz and S.J. Kleene</b>	945	Numerical approximation of solutions of a nonlinear inverse problem arising in olfaction experimentation
<b>C. Civelek</b>	957	Mathematical modelling of rotational mechanical elements of higher order and their characteristics

**NUMBER 9/10**  
**SPECIAL ISSUE FOR**  
**THE OPTIMIZATION AND CONTROL FOR MILITARY APPLICATIONS**

<b>J.R. Vasquez</b>	965	Preface: Optimization and control for military applications
<b>S. Setoodeh, D.B. Adams, Z. Gürdal and L.T. Watson</b>	966	Pipeline implementation of cellular automata for structural design on message-passing multiprocessors
<b>J.L. Williams and P.S. Maybeck</b>	976	Cost-function-based hypothesis control techniques for multiple hypothesis tracking

<b>S. Santarelli, T.-L. Yu, D.E. Goldberg, E. Altshuler, T. O'Donnell, H. Southall and R. Mailloux</b>	990	Military antenna design using simple and competent genetic algorithms
<b>L. Barbulescu, A. Howe and D. Whitley</b>	1023	AFSCN scheduling: How the problem and solution have evolved
<b>J. Granger, A. Krishnamurthy and S.M. Robinson</b>	1038	Rapid improvement of stochastic networks using two-moment approximations
<b>S.H. Jacobson, L.A. McLay, S.N. Hall, D. Henderson and D.E. Vaughan</b>	1061	Optimal search strategies using simultaneous generalized hill climbing algorithms
<b>A.B. Poore and S. Gadaleta</b>	1074	Some assignment problems arising from multiple target tracking
<b>C.D. Ormsby, J.F. Raquet and P.S. Maybeck</b>	1092	A new generalized residual multiple model adaptive estimator of parameters and states
<b>L. Chen, M.J. Wainwright, M. Çetin and A.S. Willsky</b>	1114	Data association based on optimization in graphical models with application to sensor networks
<b>B.B. King, N. Hovakimyan, K.A. Evans and M. Buhl</b>	1136	Reduced order controllers for distributed parameter systems: LQG balanced truncation and an adaptive approach
<b>Q.-S. Jia, Y.-C. Ho and Q.-C. Zhao</b>	1150	Comparison of selection rules for ordinal optimization
<b>I.M. Ross and F. Fahroo</b>	1172	Issues in the real-time computation of optimal control
<b>C. Yuan and M.J. Druzdzel</b>	1189	Importance sampling algorithms for Bayesian networks: Principles and performance
<b>W. Li and C.G. Cassandras</b>	1208	Centralized and distributed cooperative Receding Horizon control of autonomous vehicle missions
<b>A.K. Zaidi and L.W. Wagenhals</b>	1229	Planning temporal events using point-interval logic
<b>J.R. Vasquez and J.L. Williams</b>	1254	Exploiting correlation effects within multiple-hypothesis tracking

#### NUMBER 11/12

<b>N.J. Huang, J. Li and H.B. Thompson</b>	1267	Stability for parametric implicit vector equilibrium problems
<b>W. Kieffer, S. Moujaes and N. Armbya</b>	1275	CFD study of section characteristics of Formula Mazda race car wings
<b>M.L. Schiavo</b>	1288	A dynamical model of electoral competition

<b>E. De Angelis and M. Delitala</b>	1310	Modelling complex systems in applied sciences; methods and tools of the mathematical kinetic theory for active particles
<b>I. Muqattash and M. Yahdi</b>	1329	Infinite family of approximations of the Digamma function
<b>P.-T. Chang and C.-H. Chang</b>	1337	An elaborative unit cost structure-based fuzzy economic production quantity model
<b>I.G. Laukó</b>	1357	Stability of disease free sets in epidemic models
<b>S. Rácz, Á. Tari and M. Telek</b>	1367	A moments based distribution bounding method
<b>R.J. Marks II, I.A. Gravagne, J.M. Davis and J.J. DaCunha</b>	1383	Nonregressivity in switched linear circuits and mechanical systems
<b>R. Li, K.L. Teo, K.H. Wong and G.R. Duan</b>	1393	Control parameterization enhancing transform for optimal control of switched systems
<b>I. Hashim, M.S.M. Noorani and M.R. Said Al-Hadidi</b>	1404	Solving the generalized Burgers–Huxley equation using the Adomian decomposition method
<b>F. Peano, G. Coppa, C. Serazio, F. Peinetti and A. D'angola</b>	1412	Nonlinear oscillations in a MEMS energy scavenger
<b>K.L. Price and J.W. Seaman</b>	1424	Bayesian modeling of retrospective time-to-pregnancy data with digit preference bias
<b>B. Carbonaro, F. Vitale and C. Giordano</b>	1434	On a 3D-matrix representation of the tertiary structure of a protein

## Author Index

Adams, D.B. 43 (9/10),966  
 Adivar, M. 43 (7/8),695  
 Agarwal, H. 43 (5/6),658  
 Agarwal, R.P. 43 (7/8),854  
 Akin-Bohner, E. 43 (3/4),283  
 Altshuler, E. 43 (9/10),990  
 Armbya, N. 43 (11/12),1275  
 Atici, F.M. 43 (7/8),718  
 Ayub, M. 43 (1/2),16

Badiu, F. 43 (5/6),592  
 Baeza, I. 43 (3/4),275  
 Baglama, J. 43 (1/2),105  
 Ban, J.X. 43 (5/6),493  
 Banaś, J. 43 (1/2),97  
 Barbulescu, L. 43 (9/10),1023  
 Bekakos, M.P. 43 (5/6),612  
 Bellomo, C. 43 (7/8),779  
 Biles, D.C. 43 (7/8),718  
 Bohner, M. 43 (7/8),695  
 Bohr, H.G. 43 (3/4),401  
 Brazzoli, I. 43 (7/8),933  
 Bru, R. 43 (5/6),530  
 Brück, E. 43 (7/8),743  
 Bruno, L. 43 (5/6),506  
 Buhl, M. 43 (9/10),1136  
 Bunke, H. 43 (3/4),385  
 Byrne, H.M. 43 (7/8),820

Cabada, A. 43 (1/2),194  
 Candan, T. 43 (3/4),357  
 Cao, J. 43 (3/4),423  
 Carbonaro, B. 43 (11/12),1434  
 Cassandras, C.G. 43 (9/10),1208  
 Censor, Y. 43 (7/8),892  
 Çetin, M. 43 (9/10),1114  
 Chakraborty, C. 43 (3/4),254  
 Chakraborty, D. 43 (3/4),254  
 Chang, C.-H. 43 (11/12),1337  
 Chang, H.-H. 43 (1/2),158  
 Chang, P.-T. 43 (11/12),1337  
 Chang, Y.-K. 43 (3/4),377  
 Chaplain, M.A.J. 43 (1/2),49  
 Chauviere, A. 43 (7/8),933  
 Chaya, C. 43 (5/6),530  
 Chen, J. 43 (7/8),743  
 Chen, K. 43 (7/8),809  
 Chen, L. 43 (9/10),1114  
 Cho, N.E. 43 (3/4),320

Ciobanu, B. 43 (5/6),458  
 Civelek, C. 43 (7/8),957  
 Coppa, G. 43 (11/12),1412  
 Coutsiyas, E.A. 43 (5/6),582  
 D'Acunto, B. 43 (7/8),754  
 D'angola, A. 43 (11/12),1412  
 DaCunha, J.J. 43 (11/12),1383  
 Dahiya, R.S. 43 (3/4),357  
 Das, P. 43 (3/4),413  
 Davis, J.M. 43 (11/12),1383  
 De Angelis, E. 43 (11/12),1310  
 de Miguel, J.M. 43 (5/6),530  
 Delitala, M. 43 (11/12),1310  
 Diagana, T. 43 (1/2),89  
 Ding, Z. 43 (3/4),385  
 Doyen, L. 43 (5/6),466  
 Druzdzel, M.J. 43 (9/10),1189  
 Duan, G.R. 43 (11/12),1393

Egghe, L. 43 (1/2),1, (7/8),870  
 Ehrhardt, M. 43 (3/4),294  
 Elfving, T. 43 (7/8),892  
 Els, P.S. 43 (7/8),787  
 Evans, K.A. 43 (9/10),1136

Fahroo, F. 43 (9/10),1172  
 Faria, T. 43 (3/4),433  
 Ferrari, E. 43 (7/8),838  
 Ferris, M.C. 43 (5/6),493  
 Flannery, R.J. 43 (7/8),945  
 Foroughi, A.A. 43 (5/6),447  
 Forssén, P.-E. 43 (7/8),892  
 Fransos, D. 43 (5/6),506  
 French, D.A. 43 (7/8),945

Gadaleta, S. 43 (9/10),1074  
 García, B. 43 (3/4),275  
 Gerisch, A. 43 (1/2),49  
 Giordano, C. 43 (11/12),1434  
 Goldberg, D.E. 43 (9/10),990  
 Gong, D.-C. 43 (7/8),920  
 Gospavic, R. 43 (5/6),620  
 Granger, J. 43 (9/10),1038  
 Granlund, G. 43 (7/8),892  
 Gravagne, I.A. 43 (11/12),1383  
 Groetsch, C.W. 43 (7/8),945  
 Gupta, A.K. 43 (1/2),185  
 Gürdal, Z. 43 (9/10),966

Gwinner, J. 43 (7/8),880

Hadi-Vencheh, A. 43 (5/6),447  
 Hajjafar, A. 43 (1/2),150  
 Hall, S.N. 43 (9/10),1061  
 Hashim, I. 43 (11/12),1404  
 Hayat, T. 43 (1/2),16,132  
 Henderson, D. 43 (9/10),1061  
 Ho, Y.-C. 43 (9/10),1150  
 Hovakimyan, N. 43 (9/10),1136  
 Howe, A. 43 (9/10),1023  
 Howlett, P.G. 43 (1/2),119  
 Hua, B. 43 (7/8),743  
 Huang, N.J. 43 (11/12),1267  
 Huang, W.-C. 43 (1/2),158  
 Huang, Z. 43 (3/4),374

Jacobson, S.H. 43 (9/10),1061  
 Jang, S.R.-J. 43 (1/2),105  
 Jia, Q.-S. 43 (9/10),1150  
 Jiao, Y. 43 (3/4),244  
 Johansson, B. 43 (7/8),892  
 Judez, L. 43 (5/6),530  
 Junk, M. 43 (5/6),485

Kandel, A. 43 (3/4),385  
 Kara, A.H. 43 (1/2),132  
 Khan, M. 43 (1/2),16  
 Khan, R.A. 43 (7/8),727  
 Kieffer, W. 43 (11/12),1275  
 King, B.B. 43 (9/10),1136  
 King, J.R. 43 (7/8),820  
 Kipersztok, O. 43 (3/4),385  
 Kleene, S.J. 43 (7/8),945  
 Kozlov, V. 43 (7/8),892  
 Krantz, W.B. 43 (7/8),945  
 Krishna, S. 43 (5/6),582  
 Krishnamurthy, A. 43 (9/10),1038  
 Kulkarni, S.S. 43 (7/8),704

Lafouge, T. 43 (1/2),1  
 Laukó, I.G. 43 (11/12),1357  
 Law, S.-T. 43 (5/6),673  
 Lebedinsky, A. 43 (7/8),718  
 Lee, E.S. 43 (3/4),244, (7/8),809  
 Lee, E.S. 43  
 Lemieux, C. 43 (3/4),339  
 Li, J. 43 (11/12),1267  
 Li, R. 43 (11/12),1393

- Li, W. 43 (9/10),1208  
 Li, W.-T. 43 (3/4),377  
 Lin, C.-J. 43 (5/6),563  
 Lin, G. 43 (7/8),743  
 Lin, G.C. 43 (7/8),920  
 Liu, H.X. 43 (5/6),493  
 Liu, Q. 43 (3/4),423  
 Lu, X. 43 (1/2),76  
 Lucas, S.K. 43 (1/2),119
- Mahop, C.M. 43 (1/2),89  
 Mailloux, R. 43 (9/10),990  
 Manta, V. 43 (5/6),458  
 Marks II, R.J. 43 (11/12),1383  
 Maybeck, P.S. 43 (9/10),976,1092  
 McLay, L.A. 43 (9/10),1061  
 Milovanović, E.I. 43 (5/6),612  
 Milovanović, I.Ž. 43 (5/6),612  
 Moreno, J. 43 (3/4),275  
 Morro, A. 43 (1/2),138  
 Moujaes, S. 43 (11/12),1275  
 Mraz, M. 43 (5/6),632  
 Mukherjee, D. 43 (3/4),413  
 Muqattash, I. 43 (11/12),1329
- N'Guérékata, G.M. 43 (1/2),89  
 Nadarajah, S. 43 (1/2),185  
 Nagurney, A. 43 (5/6),646  
 Nie, P.-y. 43 (3/4),368  
 Nielsen, B.G. 43 (3/4),401  
 Noorani, M.S.M. 43 (11/12),1404  
 Norris, E.S. 43 (7/8),820  
 Nouri, A. 43 (7/8),838
- O'Donnell, T. 43 (9/10),990  
 Oancea, S. 43 (5/6),458  
 Ormsby, C.D. 43 (9/10),1092
- Pai, P.-F. 43 (3/4),262  
 Pan, J. 43 (5/6),646  
 Parra-Guevara, D. 43 (7/8),766  
 Patel, J. 43 (3/4),320  
 Peano, F. 43 (11/12),1412  
 Peinetti, F. 43 (11/12),1412  
 Philos, Ch.G. 43 (7/8),854  
 Poore, A.B. 43 (9/10),1074  
 Popov, V. 43 (5/6),620  
 Price, K.L. 43 (11/12),1424
- Rácz, S. 43 (11/12),1367
- Røgen, P. 43 (3/4),401  
 Raciti, F. 43 (7/8),880  
 Radinschi, I. 43 (5/6),458  
 Radzevich, S.P. 43 (3/4),222  
 Raina, R.K. 43 (3/4),350  
 Ran, B. 43 (5/6),493  
 Rapaport, A. 43 (5/6),466  
 Raquet, J.F. 43 (9/10),1092  
 Rick, J. 43 (1/2),105  
 Robinson, S.M. 43 (9/10),1038  
 Rocha Martin, J. 43 (1/2),97  
 Rodriguez-Alvarez, M.J. 43 (3/4),275  
 Ross, I.M. 43 (9/10),1172  
 Roy, S. 43 (5/6),485  
 Rys, M.J. 43 (7/8),809
- Sadarangani, K. 43 (1/2),97  
 Said Al-Hadidi, M.R. 43 (11/12),1404  
 Santarelli, S. 43 (9/10),990  
 Sapna Isotupa, K.P. 43 (7/8),687  
 Schiavo, M.L. 43 (11/12),1288  
 Schneider, M. 43 (3/4),385  
 Seaman, J.W. 43 (11/12),1424  
 Sen, S.K. 43 (5/6),658  
 Serazio, C. 43 (11/12),1412  
 Setoodeh, S. 43 (9/10),966  
 Shan, H. 43 (5/6),592  
 Shi, W. 43 (1/2),170  
 Sidorsky, P. 43 (3/4),339  
 Skiba, Y.N. 43 (7/8),766  
 Snyman, J.A. 43 (7/8),787  
 Southall, H. 43 (9/10),990  
 Sreckovic, M. 43 (5/6),620  
 Srivastava, H.M. 43 (3/4),320,350  
 Su, J. 43 (5/6),592  
 Sundar, S. 43 (5/6),485  
 Sundarapandian, V. 43 (1/2),9,42  
 Syau, Y.-R. 43 (3/4),244
- Tanaka, S. 43 (5/6),536  
 Tari, Á. 43 (11/12),1367  
 Telek, M. 43 (11/12),1367  
 Teo, K.L. 43 (11/12),1393  
 Terreaux, J.P. 43 (5/6),466  
 Thompson, H.B. 43 (11/12),1267
- Thoreson, M.J. 43 (7/8),787  
 Thredgold, J.M. 43 (1/2),119  
 Todorovic, G. 43 (5/6),620  
 Tsamatos, P.Ch. 43 (7/8),854
- Urciuoli, G. 43 (7/8),754  
 Uys, P.E. 43 (7/8),787
- Vasquez, J.R. 43 (9/10),965,1254  
 Vaughan, D.E. 43 (9/10),1061  
 Verma, R.U. 43 (1/2),150  
 Vitale, F. 43 (11/12),1434  
 Vivero, D.R. 43 (1/2),194  
 von Winckel, G. 43 (5/6),582
- Wagenhals, L.W. 43 (9/10),1229  
 Wainwright, M.J. 43 (9/10),1114  
 Wang, M.-S. 43 (3/4),310  
 Watson, L.T. 43 (9/10),966  
 Wazwaz, A.-M. 43 (1/2),178, (7/8),802  
 Wee, H.M. 43 (3/4),209, (5/6),673  
 Whitley, D. 43 (9/10),1023  
 Williams, J.L. 43 (9/10),976,1254  
 Willsky, A.S. 43 (9/10),1114  
 Wong, K.H. 43 (11/12),1393  
 Wu, W.-I. 43 (1/2),76
- Xu, L. 43 (5/6),592  
 Xu, Y.-J. 43 (5/6),563  
 Xu, Z. 43 (1/2),30
- Yahdi, M. 43 (11/12),1329  
 Yang, P.C. 43 (3/4),209  
 Yang, Z. 43 (7/8),910  
 Yu, T.-L. 43 (9/10),990  
 Yuan, C. 43 (9/10),1189
- Zaidi, A.K. 43 (9/10),1229  
 Zet, G. 43 (5/6),458  
 Zhao, C. 43 (3/4),310  
 Zhao, P. 43 (3/4),310  
 Zhao, Q.-C. 43 (9/10),1150  
 Zhu, J. 43 (5/6),592  
 Zimic, N. 43 (5/6),632  
 Zisowsky, A. 43 (3/4),294